

Amendments to the Claims

Claim 1 (**Currently Amended**) A program list display device ~~which is installed for installation~~ in a broadcast receiver having a video recording and playback function and ~~displays for displaying~~ a list of program information for a program selection on a display screen, ~~the program list display device comprising:~~

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a display format setting screen for indicating a display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast and ~~the program information~~ for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises one or more program attributes of a channel attribute which shows a channel of ~~the~~ a program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is recorded.

Claim 2 (**Currently Amended**) The program list display device of Claim 1, ~~+~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to display ~~displays~~ the program information as ~~the~~ a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of ~~plural~~ program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of ~~plural~~ program attributes on a second axis.

Claim 3 (**Currently Amended**) The program list display device of Claim 1, ~~+~~ wherein

the one or more program attributes is a plurality of the different program attributes, and

the program list display means ~~is operable to classify~~-classifies the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the ~~plurality of plural~~ program attributes and ~~display~~-displays the program information which belong to the respective groups as ~~the~~-a program list in a one-dimensional array having a second program attribute arbitrarily selected from the ~~plurality of program attributes~~-attribute group on an axis.

Claim 4 (**Currently Amended**) The program list display device of Claim 1, ~~+~~ wherein the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically switch-switches between (i)-a case where the program list display means displaying-displays the program information as the program list in ~~a~~-the two-dimensional array having ~~a~~-the first program attribute arbitrarily selected from the ~~plurality of plural~~ program attributes on ~~a~~-the first axis and ~~a~~-the second program attribute arbitrarily selected from the ~~plurality of plural~~ program attributes on ~~a~~-the second axis and ~~a case where~~ (ii) the program list display means classifying-classifies the program information into groups on the basis of ~~a~~-the value for the first program attribute arbitrarily selected from the ~~plurality of plural~~ program attributes and displaying-displays the program information which belong to the respective groups as the program list in ~~a~~-the one-dimensional array having the second program attribute arbitrarily selected from the ~~plurality of program attributes~~-attribute group on ~~an~~-the axis.

Claim 5 (**Currently Amended**) A program list display device for installation-which is installed in a broadcast receiver and for displaying-displays a list of program information for a program selection on a display screen, the program list display device comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a display format setting screen for indicating a display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast as a program list on the program information displaying screen, and

displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises a plurality of different~~one or more~~ program attributes of a channel attribute which shows a channel on which a~~the~~ program is broadcast, a date and hour attribute which shows date and hour when the program is broadcast, a program name attribute which shows a title of the program, a category attribute into which the program contents are classified, and

the program list display means is operable to display~~displays~~ the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of~~plural~~ program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes~~attribute group~~ on a second axis.

Claim 6 (**Currently Amended**) A program list display device for installation~~which is installed~~ in a broadcast receiver and for displaying~~displays~~ a list of program information for a program selection on a display screen, the program list display device comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a display format setting screen for indicating a display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast as a program list on the program information displaying screen, and displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises a plurality of different~~one or more~~ program attributes of a~~the~~ channel attribute which shows a~~the~~ channel on which a~~the~~ program is broadcast, a~~the~~ date and hour attribute which shows date and hour when the program is broadcast, a~~the~~ program name attribute which shows a~~the~~ title of the program, and a~~the~~ category attribute ~~into which shows a category to which the program belongs~~~~contents are classified~~, and

the program list display means is operable to classify~~classifies~~ the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the

~~plurality of plural~~ program attributes and ~~display-displays~~ the program information which belong to the respective groups as a program list in a one-dimensional array having a second program attribute arbitrarily selected from the ~~plurality of program attributes-attribute~~ group on an axis.

Claim 7 (**Currently Amended**) The program list display device of Claim 1, ~~any of Claims 1 to 6~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically change a-changes the number of program attributes constituting the program information when the program list is displayed.

Claim 8 (**Currently Amended**) The program list display device of Claim 1, ~~wherein-any of Claims 1 to 6 wherein;~~

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the-a case where a title of the program-is displayed as the program name attribute for the program to be displayed and (ii) displaying the name of the-a case where a program group to which the program belongs as the program name attribute-is constituted by plural related programs and a name of the program group to which the programs belong-is displayed as the program name attribute.

Claim 9 (**Currently Amended**) The program list display device of Claim 1, ~~further-any of Claims 1 to 6~~ comprising:

a designating means for designating an attribute value of each-the program attribute constituting the program information, wherein

the program list display means is operable to display-displays programs corresponding to an attribute value of each-the program attribute designated by the designating means on the program list, and

the program information comprises one or more program attributes of the-a channel attribute which shows the-a channel of the program, the-a date and hour attribute which shows broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast

day of the week of the program, a time attribute which shows a broadcast time of the program, ~~the~~a program name attribute which shows ~~the~~a title of the program, and ~~the~~a media attribute which shows ~~the~~a storage medium in which the program is recorded.

Claim 10 (**Currently Amended**) The program list display device of Claim ~~9~~9 wherein
the designating means is operable to designate~~designates~~ attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display~~displays~~ programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 11 (**Currently Amended**) The program list display device of Claim ~~7~~7 wherein
the program list display means is operable to display~~displays~~ the program information as ~~the~~a program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 12 (**Currently Amended**) The program list display device of Claim ~~8~~8 wherein
the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to display~~displays~~ the program information as the program list in ~~a~~a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 13 (**Currently Amended**) The program list display device of Claim ~~10~~10 wherein
the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to display~~displays~~ the program information as the program list in ~~the~~a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 14 (**Currently Amended**) A video recording and playback device for installation ~~which is installed in a broadcast receiver and for recording and playing back records and plays back~~ a video signal by employing storage media, the video recording and playback device comprising:

a means for preparing a video recording state displaying screen including program information of programs reserved for video recording and of recorded programs, a first display format setting screen for indicating a display format of a video recording state, a first display filter setting screen for restricting programs to be displayed on the video recording state displaying screen; and

a video recording state list display means for dividing a whole storage area of held by the storage media into successively accessible storage units for each recorded content to perform management thereof and displaying information concerning the storage units as a video recording state list on the video recording state displaying screen, and displaying the video recording state displaying screen, the first display format setting screen, and the first display filter setting screen on a display single screen, wherein

the video recording state list display means is operable to display ~~displays~~ a first group of storage units in which recorded programs are stored, a second group of storage units which is allocated to programs reserved for video recording, and a third group of storage units which is unused on ~~a single~~ the video recording state displaying screen.

Claim 15 (**Currently Amended**) The video recording and playback device of Claim 14, further ~~14~~ comprising:

a video recording reservation means for designating an arbitrary storage unit from a storage unit group displayed on the video recording state list, thereby carrying out video recording reservation of ~~the~~ a program in the designated storage unit.

Claim 16 (**Currently Amended**) The video recording and playback device of Claim 15, ~~15~~ wherein

the video recording state list display means is operable to list-display ~~list-displays~~ information of the storage units for the respective storage media on the video recording state list and display ~~also-displays~~ program information of the corresponding program with respect to storage units which belong to the first group or the second group, and

the program information comprises one or more program attributes of ~~the~~ a channel attribute which shows ~~the~~ a channel of the program, ~~the~~ a date and hour attribute which shows broadcast date and hour of the program, ~~the~~ a program name attribute which shows ~~the~~ a title of the program, and ~~the~~ a category attribute which shows ~~the~~ a category to which the program belongs.

Claim 17 (**Currently Amended**) The video recording and playback device of Claim 16, ~~16~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the video recording state list display means is operable to dynamically change ~~changes~~ the a number of the program attributes constituting the program information when the video recording state list is displayed.

Claim 18 (**Currently Amended**) The video recording and playback device of Claim 16, ~~16~~ wherein, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the video recording state list is displayed, the video recording state list display means is operable to dynamically change ~~changes~~ between ~~a case where~~ (i) displaying the title of the program ~~is displayed~~ as the program name attribute for ~~the~~ a program to be displayed and ~~a case where the program group is constituted by plural related programs and~~ (ii) displaying the name of the program group to which the ~~programs belong~~ program belongs as the program name attribute.

Claim 19 (**Currently Amended**) The video recording and playback device of Claim 17, ~~17~~ wherein, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the video recording state list is displayed, the video recording state list display means is operable to dynamically change ~~changes~~ between ~~a case where~~ (i) displaying the title of the program ~~is displayed~~ as the program name attribute for ~~the~~ a program to be displayed and ~~a~~

~~case where the program group is constituted by plural related programs and (ii) displaying the name of the program group to which the programs belong is displayed~~ program belongs as the program name attribute.

Claim 20 (**Currently Amended**) The video recording and playback device of Claim 16, ~~16~~ wherein,

when the program is reserved for video recording by the video recording reservation means, the video recording state list display means, in which ~~the~~ a program group is constituted by ~~the plural~~ a plurality of related programs, ~~is operable to display a~~ displays the vicinity of the storage ~~unit~~ media, in which ~~the~~ a program which belongs to the same program group as the program reserved for video recording is ~~recorded~~ recorded, as a candidate of the designated storage unit ~~which stores to store~~ the program reserved for video recording.

Claim 21 (**Currently Amended**) The video recording and playback device of Claim 17, ~~17~~ wherein, ~~wherein~~

when the program is reserved for video recording by the video recording reservation means, the video recording state list display means, in which ~~the~~ a program group constituted by ~~the plural~~ a plurality of related programs, ~~is operable to display a~~ displays the vicinity of the storage ~~unit~~ media, in which ~~the~~ a program which belongs to the same program group as the program to be reserved for video recording is ~~recorded~~ recorded, as a candidate of the designated storage unit ~~which stores to store~~ the program ~~to be~~ reserved for video recording.

Claim 22 (**Currently Amended**) The video recording and playback device of Claim 20, ~~20 or 21~~ wherein

the program group includes a plurality of ~~is constituted by~~ programs having a series of program contents.

Claim 23 (**Currently Amended**) The video recording and playback device of Claim 16, further ~~any of Claims 16 to 21~~ comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a second

display format setting screen for indicating a display format of the program information, and a second display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast and ~~program information~~ for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the second display format setting screen, and the second display filter setting screen on a single screen, wherein

the program list is employed for selecting ~~a selection of~~ a program to be reserved for video recording, and

the program information comprises one or more program attributes of a ~~the~~ channel attribute which shows a ~~the~~ channel of the program, a ~~the~~ date and hour attribute which shows broadcast date and hour of the program, a ~~the~~ program name attribute which shows a ~~the~~ title of the program, a ~~the~~ category attribute which shows a ~~the~~ category to which the program belongs, and a ~~the~~ media attribute which shows a ~~the~~ storage medium in which the program is stored.

Claim 24 (**Currently Amended**) The video recording and playback device of Claim 23, ~~23~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to display ~~displays~~ the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the ~~plural~~ plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the ~~plural~~ plurality of program attributes on a second axis.

Claim 25 (**Currently Amended**) The video recording and playback device of Claim 23, ~~23~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to classify ~~classifies~~ the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the ~~plural~~ plurality of program attributes and display ~~displays~~ the program information which belong to the respective groups as the program list in ~~the~~ a one-dimensional array having ~~the~~ a second program

attribute arbitrarily selected from the plurality of program-attribute-group attributes on the an axis.

Claim 26 (**Currently Amended**) The video recording and playback device of Claim 23, ~~23~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically switch ~~switches~~ between a case where (i) the program list display means ~~displays~~ displaying the program information as the program list in ~~the~~ a two-dimensional array having ~~the~~ a first program attribute arbitrarily selected from the ~~plural~~ plurality of program attributes on ~~the~~ a first axis and ~~the~~ a second program attribute arbitrarily selected from the ~~plural~~ plurality of program attributes on ~~the~~ a second axis and a case where (ii) the program list display means ~~classifies~~ classifying the program information into groups on the basis of ~~the~~ a value for the first program attribute arbitrarily selected from the ~~plural~~ plurality of program attributes and ~~displaying~~ displays the program information which belong to the respective groups as the program list in ~~the~~ a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program ~~attribute-group attributes~~ attributes on the an axis.

Claim 27 (**Currently Amended**) The video recording and playback device of Claim 23, ~~23~~ wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically change ~~a-changes~~ the number of the program attributes constituting the program information when the program list is displayed.

Claim 28 (**Currently Amended**) The video recording and playback device of Claim 24, ~~24~~ wherein

the program list display means is operable to dynamically change ~~a-changes~~ the number of the program attributes constituting the program information when the program list is displayed.

Claim 29 (**Currently Amended**) The video recording and playback device of Claim 23, ~~23~~
~~wherein, wherein~~

the program name attribute shows the title of the program and a name of a program group
constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to
dynamically change ~~changes~~ between a case where (i) displaying the title of the program ~~is~~
displayed as the program name attribute for the program to be displayed and ~~a case where the~~
~~program group is constituted by plural related programs and (ii) displaying~~ the name of the
program group to which the ~~programs belong is displayed~~ program belongs as the program name
attribute.

Claim 30 (**Currently Amended**) The video recording and playback device of Claim 24, ~~24~~
~~wherein, wherein~~

the program name attribute shows the title of the program and a name of a program group
constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to
dynamically change ~~changes~~ between a case where (i) displaying the title of the program ~~is~~
displayed as the program name attribute for the program to be displayed and ~~a case where the~~
~~program group is constituted by plural related programs and (ii) displaying~~ the name of the
program group to which the ~~programs belong is displayed~~ program belongs as the program name
attribute.

Claim 31 (**New**) The program list display device of Claim 2, wherein

the program list display means is operable to dynamically change a number of program
attributes constituting the program information when the program list is displayed.

Claim 32 (**New**) The program list display device of Claim 31, wherein

the program list display means is operable to display the program information as the
program list in the two-dimensional array having the channel attribute and the date and hour
attribute on the two axes.

Claim 33 (New) The program list display device of Claim 2, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 34 (New) The program list display device of Claim 33, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 35 (New) The program list display device of Claim 2, further comprising:

a designating means for designating an attribute value of each program attribute constituting the program information, wherein

the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel attribute which shows the channel of the program, the date and hour attribute which shows broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast day of the week of the program, a time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and the media attribute which shows the storage medium in which the program is recorded.

Claim 36 (New) The program list display device of Claim 35, wherein

the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week

attribute and the time attribute which values are designated by the designating means on the program list.

Claim 37 (New) The program list display device of Claim 36, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 38 (New) The program list display device of Claim 3, wherein

the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 39 (New) The program list display device of Claim 38, wherein

the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 40 (New) The program list display device of Claim 3, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 41 (New) The program list display device of Claim 40, wherein

the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 42 **(New)** The program list display device of Claim 3, further comprising:

a designating means for designating an attribute value of each program attribute constituting the program information, wherein

the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel attribute which shows the channel of the program, the date and hour attribute which shows the broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast day of the week of the program, the time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and the media attribute which shows the storage medium in which the program is recorded.

Claim 43 **(New)** The program list display device of Claim 42, wherein

the designating means designates attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 44 **(New)** The program list display device of Claim 43, wherein

the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 45 **(New)** The program list display device of Claim 4, wherein

the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 46 (New) The program list display device of Claim 45, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 47 (New) The program list display device of Claim 4, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 48 (New) The program list display device of Claim 47, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 49 (New) The program list display device of Claim 4, further comprising:

a designating means for designating an attribute value of each program attribute constituting the program information, wherein

the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel attribute which shows the channel of the program, the date and hour attribute which shows the broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast day of the week of the program, the time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and the media attribute which shows the storage medium in which the program is recorded.

Claim 50 (New) The program list display device of Claim 49, wherein

the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 51 (New) The program list display device of Claim 50, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 52 (New) The program list display device of Claim 5, wherein

the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 53 (New) The program list display device of Claim 52, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 54 (New) The program list display device of Claim 5, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group as the program name attribute.

Claim 55 (New) The program list display device of Claim 54, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 56 (New) The program list display device of Claim 5, further comprising:

a designating means for designating an attribute value of each program attribute constituting the program information, wherein

the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel attribute which shows the channel on which the program is broadcast, the date and hour attribute which shows the date and hour when the program is broadcast, a day-of-the-week attribute which shows a broadcast day of the week of the program, a time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and a media attribute which shows a storage medium in which the program is recorded.

Claim 57 (New) The program list display device of Claim 56, wherein

the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 58 (New) The program list display device of Claim 57, wherein

the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 59 (New) The program list display device of Claim 6, wherein

the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 60 (New) The program list display device of Claim 59, wherein

the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 61 (New) The program list display device of Claim 6, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 62 (New) The program list display device of Claim 61, wherein

the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 63 (New) The program list display device of Claim 6, further comprising:

a designating means for designating an attribute value of each program attribute constituting the program information, wherein

the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel attribute which shows the channel on which the program is broadcast, the date and hour attribute which shows the date and hour when the program is broadcast, a day-of-the-week

attribute which shows a broadcast day of the week of the program, a time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and a media attribute which shows a storage medium in which the program is recorded.

Claim 64 (New) The program list display device of Claim 63, wherein

the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 65 (New) The program list display device of Claim 64, wherein

the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 66 (New) The video recording and playback device of Claim 21, wherein

the program group includes a plurality of programs having a series of program contents.

Claim 67 (New) The video recording and playback device of Claim 17, further comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a second display format setting screen for indicating a display format of the program information, and a second display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast and for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the second display format setting screen, and the second display filter setting screen on a single screen, wherein

the program list is employed for selecting a program to be reserved for video recording, and

the program information comprises one or more program attributes of a channel attribute which shows a channel of the program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is stored.

Claim 68 (New) The video recording and playback device of Claim 67, wherein

the program list display means is operable to display the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality program attributes on a second axis.

Claim 69 (New) The video recording and playback device of Claim 68, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 70 (New) The video recording and playback device of Claim 68, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 71 (New) The video recording and playback device of Claim 67, wherein

the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plurality of program attributes and display the program information which belong to the respective groups

as the program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 72 (New) The video recording and playback device of Claim 67, wherein

the program list display means is operable to dynamically switch between (i) the program list display means displaying the program information as the program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis and (ii) the program list display means classifying the program information into groups on the basis of a value for the first program attribute arbitrarily selected from the plurality of program attributes and displaying the program information which belong to the respective groups as the program list in a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 73 (New) The video recording and playback device of Claim 67, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 74 (New) The video recording and playback device of Claim 67, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 75 (New) The video recording and playback device of Claim 18, further comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a second display format setting screen for indicating a display format of the program information, and a

second display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast and for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the second display format setting screen, and the second display filter setting screen on a single screen, wherein

the program list is employed for selecting a program to be reserved for video recording, and

the program information comprises one or more program attributes of a channel attribute which shows a channel of the program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is stored.

Claim 76 (New) The video recording and playback device of Claim 75, wherein

the one or more program attributes is a plurality of the different program attributes, and

the program list display means is operable to display the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis.

Claim 77 (New) The video recording and playback device of Claim 76, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 78 (New) The video recording and playback device of Claim 76, wherein

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 79 (**New**) The video recording and playback device of Claim 75, wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plural program attributes and display the program information which belong to the respective groups as the program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 80 (**New**) The video recording and playback device of Claim 75, wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically switch between (i) the program list display means displaying the program information as the program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis and (ii) the program list display means classifying the program information into groups on the basis of a value for the first program attribute arbitrarily selected from the plurality of program attributes and displaying the program information which belong to the respective groups as the program list in a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 81 (**New**) The video recording and playback device of Claim 75, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 82 (**New**) The video recording and playback device of Claim 75, wherein

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for a program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 83 (**New**) The video recording and playback device of Claim 19, further comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a second display format setting screen for indicating a display format of the program information, and a second display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast and for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the second display format setting screen, and the second display filter setting screen on a single screen, wherein

the program list is employed for selecting a program to be reserved for video recording, and

the program information comprises one or more program attributes of a channel attribute which shows a channel of the program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is stored.

Claim 84 (**New**) The video recording and playback device of Claim 83, wherein

the program list display means is operable to display the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis.

Claim 85 (**New**) The video recording and playback device of Claim 84, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 86 (New) The video recording and playback device of Claim 84, wherein

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 87 (New) The video recording and playback device of Claim 83, wherein

the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plurality of program attributes and displays the program information which belong to the respective groups as the program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 88 (New) The video recording and playback device of Claim 83, wherein

the program list display means is operable to dynamically switch between (i) the program list display means displaying the program information as the program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis and (ii) the program list display means classifying the program information into groups on the basis of a value for the first program attribute arbitrarily selected from the plurality of program attributes and displaying the program information which belong to the respective groups as the program list in a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 89 (New) The video recording and playback device of Claim 83, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 90 (New) The video recording and playback device of Claim 83, wherein

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute

for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 91 (New) The video recording and playback device of Claim 20, further comprising:

a means for preparing a program information displaying screen for displaying program information for programs scheduled to be broadcast and for past recorded programs, a second display format setting screen for indicating a display format of the program information, and a second display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast and for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the second display format setting screen, and the second display filter setting screen on a single screen, wherein

the program list is employed for selecting a program to be reserved for video recording, and

the program information comprises one or more program attributes of a channel attribute which shows a channel of the program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is stored.

Claim 92 (New) The video recording and playback device of Claim 91, wherein

the one or more program attributes is a plurality of the different program attributes, and

the program list display means is operable to display the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis.

Claim 93 (New) The video recording and playback device of Claim 92, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 94 (New) The video recording and playback device of Claim 92, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of the programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 95 (New) The video recording and playback device of Claim 91, wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plurality of program attributes and displays the program information which belong to the respective groups as the program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 96 (New) The video recording and playback device of Claim 91, wherein

the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically switch between (i) the program list display means displaying the program information as the program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis and (ii) the program list display means classifying the program information into groups on the basis of a value for the first program attribute arbitrarily selected from the plurality of program attributes and displaying the program information which belong to the respective groups as the program list in a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 97 **(New)** The video recording and playback device of Claim 91, wherein
the one or more program attributes is a plurality of the different program attributes, and
the program list display means is operable to dynamically change a number of the
program attributes constituting the program information when the program list is displayed.

Claim 98 **(New)** The video recording and playback device of Claim 91, wherein
the program name attribute shows the title of the program and a name of a program group
constituted by a plurality of programs to which the program belongs, and
when the program list is displayed, the program list display means is operable to
dynamically change between (i) displaying the title of the program as the program name attribute
for the program to be displayed and (ii) the name of the program group to which the program
belongs as the program name attribute.

Claim 99 **(New)** The video recording and playback device of Claim 21, further comprising:
a means for preparing a program information displaying screen for displaying program
information for programs scheduled to be broadcast and for past recorded programs, a second
display format setting screen for indicating a display format of the program information, and a
second display filter setting screen for restricting programs to be displayed on the program
information displaying screen; and

a program list display means for displaying the program information for programs
scheduled to be broadcast and for past recorded programs as a program list on the program
information displaying screen, and displaying the program information displaying screen, the
second display format setting screen, and the second display filter setting screen on a single
screen, wherein

the program list is employed for selecting a program to be reserved for video recording,
and

the program information comprises one or more program attributes of a channel attribute
which shows a channel of the program, a date and hour attribute which shows broadcast date and
hour of the program, a program name attribute which shows a title of the program, a category

attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is stored.

Claim 100 (New) The video recording and playback device of Claim 99, wherein

the program list display means is operable to display the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis.

Claim 101 (New) The video recording and playback device of Claim 100, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 102 (New) The video recording and playback device of Claim 100, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 103 (New) The video recording and playback device of Claim 99, wherein

the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plurality of program attributes and displays the program information which belong to the respective groups as the program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 104 (New) The video recording and playback device of Claim 99, wherein

the program list display means is operable to dynamically switch between (i) the program list display means displaying the program information as the program list in a two-dimensional

array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis and (ii) the program list display means classifying the program information into groups on the basis of a value for the first program attribute arbitrarily selected from the plurality of program attributes and displaying the program information which belong to the respective groups as the program list in a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 105 (New) The video recording and playback device of Claim 99, wherein

the program list display means is operable to dynamically change a number of the program attributes constituting the program information when the program list is displayed.

Claim 106 (New) The video recording and playback device of Claim 99, wherein

the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and

when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.